

INTERNATIONAL SEARCH REPORT

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| A. CLASSIFICATION OF SUBJECT MATTER IPC 7 E04C2/04 | | International Application No PCT/US 01/01908 |
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) IPC 7 E04C | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practical, search terms used) WPI Data | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| X | WO 00 08271 A (BACCHIELLI) 17 February 2000 (2000-02-17) | 1,4-15, 24-26, 33,69-73 |
| Y | page 3, line 21 -page 5, line 12; figures 1,12,13 | 2,3, 10-12, 27,28, 41,42 |
| A | --- | 48,55, 61-63,65 |
| Y | US 5 924 213 A (LEE) 20 July 1999 (1999-07-20) column 3, line 37 -column 4, line 61; figures 1,2 --- -/-- | 2,3, 10-12, 27,28, 41,42 |
| <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Further documents are listed in the continuation of box C. <input checked="" type="checkbox"/> Patent family members are listed in annex. </div> | | |
| * Special categories of cited documents : | | |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>*A* document defining the general state of the art which is not considered to be of particular relevance</p> <p>*E* earlier document but published on or after the international filing date</p> <p>*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>*O* document referring to an oral disclosure, use, exhibition or other means</p> <p>*P* document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>*I* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>*X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>*Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>*8* document member of the same patent family</p> </div> </div> | | |
| Date of the actual completion of the international search 19 March 2001 | | Date of mailing of the international search report 26/03/2001 |
| Name and mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | | Authorized officer Mysliwetz, W |

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
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| Y | EP 0 482 810 A (DOMTAR INC.) 29 April 1992 (1992-04-29) | 48-53 |
| A | column 11, line 40 -column 12, line 56; figure 10C --- | 58 |
| Y | US 1 995 393 A (MANSKE) 26 March 1935 (1935-03-26) | 48-53 |
| A | page 2, line 34 - line 48; figures 7,8,10 --- | 55,60 |
| A | US 1 634 809 A (WEISS) 5 July 1927 (1927-07-05) figures 6,7,9 ----- | 54 |

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Information on patent family members

International Application No

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| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
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| US 5924213 A | 20-07-1999 | CA 2245058 A | 08-03-1999 |
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| US 1634809 A | 05-07-1927 | NONE | |